

ABSTRACT OF THE DISCLOSURE

A unified process of making an electrical structure includes performing a plurality of laser etching operations on workpiece, without removing the workpiece from a laser processing system. The workpiece includes a conductive material
5 disposed on an electrically insulating substrate, and the plurality of laser etching operations include, but are not limited to, two or more of forming a fiducial, forming thick metal traces separated by high aspect ratio spaces, cutting an alignment hole, cutting a folding line, and singulating the electrical structure. In another aspect of the invention, a database is prepared, and communicatively coupled to the laser
10 processing system to provide control signals that direct a portion of the plurality of operations of the laser processing system, wherein each plurality of etching operations is defined with respect to a common coordinate system.